1044-45

File No. 7198/36

Public Works DEPARTMENT

D BRANCH

Subject:— Village Water Supply Tank at Gadithal, taluka Indi, Distt. Bijapur — Construction of — P & E for —

L. S. G. & P. W. D.

Karnataka

File No. 7198/36 D

Std. Scott. Blp 24-B

DOCKET SHEET

Subject :—

File No. 7198/36

P.W. **DEPT.**

1 **BRANCH.**

References :—

Date.	To whom sent.	Notes and instructions.
22/2/45	Issue Sec.	M. issue wor. to the PWD with plans & estimate placed below.
3/4/46	For D.C.	with Plans.

7198/36/34216

fp 1

(Below letter from the S.E.,S.C. No.G. 116/1, dated 7th Dec, 1944 and accompts. and the notes thereon.)

No. 7198/36. I.
P.W.D.,B.C., 5th Jany. 45.

Transferred to the Genl.Deptt. for disposal.

By order of the Govr. of Bombay,

Copy to the S.E.,S.C. for information.

Subject:-Village water supply tank at Gadihal, taluka Indi, Dt. Bijapur- Revised plans and estimate for-

BKR
30/12

ISSUED
On...4/1/45.....
Dje.

Village Water Supply.
District Bijapur.
Construction of a tank at
Godihal, Taluka Indi.

GOVERNMENT OF BOMBAY.
General Department.
Resolution No.S.92(15).
Bombay Castle, 12th February 1945.

Read again Government Memorandum, Revenue Department, No.1590-A/39, dated 5th December 1941.

Letter from the Superintending Engineer, Southern Circle, No.G-116/1, dated 7th December 1944.

RESOLUTION.- Administrative approval is accorded to the revised plans and estimate, the latter amounting to Rs.81,101/- for constructing a village water supply tank at Godihal, Taluka Indi, District Bijapur.

By order of the Governor of Bombay,

E. B. Patell,
Under Secretary to Government.

To

The Commissioner, Southern Division,
The Superintending Engineer, Southern Circle,
The Collector of Bijapur,
The Executive Engineer, Bijapur Division,
The Accountant General, Bombay,
The Finance Department,
The Revenue Department,
The Public Works Department (with plans and estimate).

A. G.
12/2. 14-II-45

Orders issued after ... with the P.W. Department. Notes remain with this Department ... when required

Village Water Supply.
District Bijapur.
Construction of a tank at
Godihal, Taluka Indi.

GOVERNMENT OF BOMBAY.
General Department.
Resolution No.S.92(15).
Bombay Castle, 12th February 1945.

Read again Government Memorandum, Revenue Department, No.1590-A/39, dated 5th December 1941.

Letter from the Superintending Engineer, Southern Circle, No.G-116/1, dated 7th December 1944.

RESOLUTION.- Administrative approval is accorded to the revised plans and estimate, the latter amounting to Rs.81,101/- for constructing a village water supply tank at Godihal, Taluka Indi, District Bijapur.

By order of the Governor of Bombay,

E. B. Patell,
Under Secretary to Government.

To

The Commissioner, Southern Division,
The Superintending Engineer, Southern Circle,
The Collector of Bijapur,
The Executive Engineer, Bijapur Division,
The Accountant General, Bombay,
The Finance Department,
The Revenue Department,
The Public Works Department (with plans and estimate).

A. G.
12/2.

J. B. Submitted.

2 The papers underlying this G.R. should have been sent to the Dept for purposes of according technical Sanction to the plans & est. The G.D. may be requested U.O. K. to do so now. Thro A.E. (I)

A.P.L. 16-2-45

20/2/45

S.A.S.

GENERAL
File : P.W.D - 7198/36.
21. FEB. 1945
Serial No. 509.

PUBLIC WORKS DEPARTMENT
File No. B/4-7198/36
23. FEB. 1945
Serial No. 421-D

PUBLIC WORKS DEPARTMENT
File No. 7198/36
14. FEB. 1945
Serial No. 5267

Re See G.E, G.D, No. S-92(15)/421-D, of 20.2.45 and the o.n. underlying it.

2. The papers underlying G.R, G.D No. S-92(15), of 20.2.45 have been forwarded to the PWD with G.D. endst quoted above on 20.2.45, which seems to have covered the present reference (from the PWD) - calling for these papers, together with plans & estimate which may be returned to that Deptt. with the note by error.

Re Receipt of the papers from PWD. for

L E T T E R.

To

The Secretary to Government,
Public Works Department,
B O M B A Y.

No.G-116/1 Public Works Department,
Belgaum, 7th December 1944.

Subject:- Constructing a Village Water Supply tank at Godihal, Taluka Indi, District Bijapur.

Reference: G.M.(R.D.) No.1590/A-39, dated the 5th December 1941 and this office No.G-116/1, dated the 17th April 1943 respectively according administrative approval and Technical sanction to the plans and estimate mentioned above.

2. Revised plans and estimate, the latter amounting to Rs.81,101/- for constructing a Village Water Supply Tank at Godihal, Taluka Indi, District Bijapur, together with the workslip are herewith submitted for favour of technical snaction thereto, after obtaining renewed administrative approval of Government in the General Department since the cost administratively approved in G.M.(R.D.) mentioned above has been exceeded by more than 10 percent.

3. The work was started in the famine period of 1943 in the Bijapur District to provide work for the famine victims of Godihal and neighbouring villages and was closed on the cessation of famine conditions in November 1943.

4. Earth work for the dam has been completed except for the gorge portion and excavation for the waste weir channel is also very nearly completed.

5. Plans showing work of dam and waste weir done and remaining to be done are submitted for favour of perusal and return.

6. The length of the waste weir has been reduced to 65 feet from 170,feet provided in the original estimate as the former is considered to be sufficient, vide revised calculations attached. The masonry bar for waste weir has been omitted as the strata met with at F.S.L. is hard rock.

7. Provision of outlet has also been omitted as the run off for shorage is very small and there will hardly be any water left for irrigation after the village water supply needs are served.

8. The revision of the estimate has been necessitated by reason of the following facts:-

(i) Increase in the rates,

(ii) Grant of minimum wages to the famine victims irrespective of the quantity of work turned out,

and

(iii) payment of rest day allowance, providing sani[redacted]

sanitary arrangements, supplying drinking water and extra supervision charges etc.

9. The rates provided in the revised estimate are according to the rates sanctioned during famine for the items of work completed and according to the current scheduled rates for the items yet to be completed.

10. It is recommended that the completion of the tank may be postponed after bringing the work already done to a safe stage as this work will provide for more than 40,000 units in the event of any occurance of famine in future. Besides the following difficulties are experienced in the completion of these water supply tanks:-

(i) Paucity of experienced contractors,

(ii) Want of technical hands to supervise the work,

and

(iii) Abnormal conditions in prices of materials and labour.

11. The original plans and estimate accompany for reference and return.

12. Spare copies of general description and face sheet also accompany.

Accompts:-

1 Original plans & estimate in one file
1 Revised estimate with 2 plans and work-slip.
1 Spare copy of face sheet and general description.

7.12.44

Superintending Engineer, S.C.

GMP.

PUBLIC WORKS DEPT.
File No. 7198/86
11 DEC
No. 34216

7198/36
34216

(I.B.) Submitted.

2. The S.E., S.C., has submitted for approval revised plans and est., the latter amounting to Rs.81,101 for the Village Water Supply Tank at Gadihal, Taluka Indi, Dt. Bijapur. The work was approved administratively in G.M. (R.D.) No.1590/A-39, dated the 5-12-41, sanctioned technically in S.E., S.C.'s No.G.116/1 dated the 17-4-43. The reasons for the increase in the est. have been given in para.2 of the S.E.'s letter.

3. The work was started in the famine period of 1943 in the Bijapur Dist. to provide work for the famine victims of Gadihal and neighbouring villages and was closed on the cessation of famine conditions in Novr. 1943 - vide para. 3 of the S.E.'s letter. This Deptt. may perhaps agree with the S.E.'s recommendations (para 10)

4. Orders re: admve, approval to the revised plans and est. will have now to be issued by the G.D. and the papers may be transferred to that Deptt. for necy. action after u.o. reference.

15/12/44

GJP.
15/12

The revised estimate amounts to Rs.81,101/- as against Rs. 18,347/- for which the work was

approv

approved and sanctioned. The increase in the amount is due to (i) the provision of Rs.29,733/- for famine items such as payment of minimum wages, rest and rainy day allowances, hutting etc. and (ii) due to the increase in the rates (based on Scheduled rates) at which the work was actually carried out, as the estimated rates are based on the prewar level of wages. The quantities and the technical details of the work remain the same as in the original estimate except for a proposal of the S.E. to reduce the waste weir capacity. This point will be discussed at the time of granting the tech. sanction. The P.&.E. as generally in order for Adm. appra. which may be granted and pps. transferred to this Deptt. for tech. sanction. X

GB. 29/12

PUBLIC Works DEPARTMENT
File No. 7198/36
29 DEC.

21.10.44.

Signed.
21/12/44

GD

Some duties similar with accompts. (Mansoor)

GENERAL DEPARTMENT
PWD 7198/36/34216
22 DEC. 1944
23 3046

The proposed transfer of the papers may be accepted.

28/12/44

28/12/44

X With accompts

(Below letter from the Superintending Engineer, Southern Circle No.G.116/1, dated 7th December, 1944, and accompaniments and the notes thereon).

- - - - -

No.7198/36-I.. Public works Department,
Bombay Castle, 6th January 1945.

Transferred to the General Department for disposal.

GENERAL DEPARTMENT
File No. S 92(15)
- 6. JAN. 1945
Serial No. 421

By order of the Governor of Bombay,

Assistant Secretary to the Government of Bombay,
Public Works Department.

Copy to the Superintending Engineer, Southern Circle, for information.

JPD.5/1/45.

General Department.

In the circumstances stated by the Supdtg. Engineer, S.C., administrative approval may be accorded to the revised plans and estimate, the latter amounting to Rs.81,101/- for constructing a village

village water supply tank at Godihal, Taluka Indi, Distt. Bijapur. The accompanying G.R. may issue after u.o.r. to the R.D. and F.D. ~~[illegible]~~

~~[illegible]~~

2. After the administrative approval is accorded, these papers may be retransferred to the P.W.D. for according technical sanction.

[illegible]

19/1/45

[illegible]

[illegible] 17/1/45

[illegible]

[illegible] to the R.D./F.D. 18-1-45 with plans & estimate

R.E.D.

R.C. REVENUE DEPARTMENT File No. 18 JAN 1945

FINANCE DEPARTMENT File No. 1-2-1945 Serial No. D

H 3

Seen and passed on to F.D.

27-1-45

AS. note Fin. Dept. of 31/1/45

Village Water Supply.

Distt. Bijapur.
Construction of a tank at
Godihal, Taluka Indi.

Government of Bombay.
General Department.
Resolution No.S.92(15).
Bombay Castle, 12th ~~January~~ February 1945.

A L/L·327
S-92(15) 1941

Read again G.M., R.D., No.1590-A/39, d/- 5-12-41.

Letter from the Supdtg.Engineer, S.C., No.G-116/1, d/- 7-12-44.

Resolution.- Administrative approval is accorded to the revised plans and estimate, the latter amounting to Rs.81,101/- for constructing a village water supply tank at Godihal, Taluka Indi, Distt. Bijapur.

By order of the Governor of Bombay,

Under Secretary to Govt. of Bombay.
General Deptt.

To

To

The Commissioner, S.D.,
The Supdtg. Engineer, S.C.,
The Collector of Bijapur,
The Ex.Engineer, Bijapur Divn.,
The A. G., Bombay,
The Finance Deptt.,
The Revenue Deptt.,
The Public Works Deptt.(with plans and estimate).

△ × Placed below.

C Class.

10 stamps to PWD/RD/FD.

5 spare copies.

✓ Tab

Reply. Memo No. 45 F.D. 3/11

Finance Dept. File

Under [illegible], dt.6-1-41

administrative approval is accorded to the construction of a [illegible] at a cost of Rs.2,42,000/- . The work was started in the financial year 1940-41 and the [illegible] to provide for the [illegible] of Gadimal and neighbouring villages was based on the assumption of favourable conditions in November, with a view to complete the work in the course of the future financial year. Since the revised estimate of Rs.3,81,[illegible] including the provision of Rs.30,000/- for famine items, [illegible] payment of [illegible] wages, [illegible] any [illegible] allowances [illegible]. Apart from this the increase in the present estimate is also due to the [illegible] from [illegible]. In the circumstances the G.O.C. proposal to approve administratively the revised estimate, [illegible]

F.D./329
S-92 (15) of 1941.

Under G.L.,R.D.,No.1590/A-39 dt.5-12-41 administrative approval was accorded to the construction of a village water supply tank at Godihal at an estimated cost of Rs.19,469/- . The work was started in the famine period of 1943 in the Bijapur Dist.to provide work for the famine victims of Gadihal and neighbouring villages and was closed on the cessation of famine conditions in Novr.1943, with a view to complete the work in the event of any future famine. Hence the revised estimate of Rs.81,101 includes the provision of Rs.29,733/- for famine items such as payment of minimum wages,rest and rainy day allowances hutting &c. Apart from this the increase in the present estimate is also due to the prevailing abnormal rates. In the circumstances the G.D. proposal to approve administratively the revised estimate of Rs.81,101/

Rs. 81,101/- for the above work may be agreed to.

8.2.45.

U.O.No. C.D. dt. 8.2.45 x with Plans and D-S. estimates.

GENERAL DEPARTMENT
File No. S 92(15)
6- FEB 1945
Serial No.

Submitted with reference to the office note, dt 17.1.45.

2 The RD and FD having agreed, the proposed G.R may now issue. After the issue, these phs. will be retransferred to the P.W.D for according technical sanction.

10/2/45

10.2.45

10/2/45

US

Tale

10/2

Village Water Supply.
District Bijapur.
Construction of a tank at
Godihal, Taluka Indi.

GOVERNMENT OF BOMBAY.
General Department.
Resolution No.S.92(15).
Bombay Castle, 12th February 1945.

Read again Government Memorandum, Revenue Department, No.1590-A/39, dated 5th December 1941.

Letter from the Superintending Engineer, Southern Circle, No.G-116/1, dated 7th December 1944.

RESOLUTION.- Administrative approval is accorded to the revised plans and estimate, the latter amounting to Rs.81,101/- for constructing a village water supply tank at Godihal, Taluka Indi, District Bijapur.

By order of the Governor of Bombay,

E. B. Patell,
Under Secretary to Government.

To

The Commissioner, Southern Division,
The Superintending Engineer, Southern Circle,
The Collector of Bijapur,
The Executive Engineer, Bijapur Division,
The Accountant General, Bombay,
The Finance Department,
The Revenue Department,
The Public Works Department (with plans and estimate).

A. G.
12/2.

(Below papers underlying Government Resolution, General Department, No.S.92(15), dated 12th February 1945).

No.S.92(15)/421-D.
General Department.
Bombay Castle, 20th February 1945.

Forwarded to the Public Works Department accordingly.

2. These papers may be returned to this Department

Department as soon as they are no longer required.

Senior Assistant Secretary to the Government
of Bombay, General Department.

P.W. 20/2

PUBLIC WORKS DEPARTMENT
File No. 7198/36
22. FEB. 1945
Serial No. 6331

A. G. 20/2. 8132/2

7198/36
6531.

J.B

-Submitted with reference to the concluding portion of the A.E.(I)'s note dated the 21st October 1944.

2 If approved, the plans and estimate, the latter amounting to Rs 81,101/ for constructing water supply tank at Yodikal, Taluka Indi, Dist. Bijapur, may be sanctioned technically after deciding the point regarding the reduction of the waste weir capacity of the tank to 65 feet against 170 ft proposed in the original estimate.

Thro A.E.(I)

A.P.L.
24-2-45

3 Please refer to the A.E's note dated the 21st Octr.1944.

4 The S.E. proposes to reduce the length of the w.w. from 170' as in the sanctioned project to ...

to 65'. The original project provided for a waste weir discharge of 1223 cusecs on the basis of 2.9" run off per hour. The present proposal is to design the w.w. for 466 cusecs only with a view to avoid rock cutting on the flanks. This amounts to a run off of 1" per hour only.

5 The recommendations of Whitby, Beale and Strange will be found at p. 1994 of Earthen Dams and Reservoirs by Strange. They all recommend a run off of nearly 2.5' to 3.0' inches per hour. It is therefore, difficult to appreciate why the S.E. intends to reduce the run off to 1" per hour only. The catchment is unlikely to be flat or highly terraced and the free board is only 3' which makes it all the more necessary to make adequate provision against high floods.

6 The S.E. may if approved be requested to elucidate his choice of such low run off in view of the recommendations referred to above.

Yes, this clearly requires explanation.

2/3/45

BVK.
28.2.45.

Letter

7198/36
63[illegible]

P.W.D.

No 7198/36-D B.C. 7th March 1945

To The S.E.S.C.

Subject Construction of a village water supply tank at Goddikal, Taluka Sub of Bijapur

Reference Para 6 of your letter No 7116/1 dated 7th December 1944.

2 It is not understood why you propose to reduce the waste weir capacity of the tank from 170 feet to 65 feet. This will provide for a waste weir discharge of 466 cusecs only on the basis of a run-off of 1 inch per hour. In this connection you are referred to "Earthen Dams and Reservoirs" by W. L Strange where in recommendations of Whiting, Beale and Strange are given. A run-off of nearly 2.5 inches to 3 inches per hour is recommended for such catchments.

3 The catchment of the tank is unlikely to be

or highly terraced
flat and the free board is only 3' which makes it all the more necessary to make adequate provision against high floods. ~~You are therefore requested to explain why you propose the reduction of the waste weir Capacity to 65 feet.~~

APL
6-3-1945

Thos A.S. (J)

By order of the G.F.B.

D A Nl

6.3.45

6 III 45

D. S. (W+R)

Letter.

No.7196/36-I.

Public Works Department,
Bombay Castle, 7th March 1945.

To

The Superintending Engineer, Southern Circle.

Subject: Construction of a village water supply tank at Gaddihal, Taluka Indi, District Bijapur.

Reference: Paragraph 6 of your letter No.G.116/1, dated 7th December 1944.

2. It is not understood why you propose to reduce the waste weir capacity of the tank from 170 feet to 65 feet. This will provide for a waste weir discharge of 466 cusecs only on the basis of a run-off of 1 inch per hour. In this connection you are referred to "Earthen Dams and Reservoirs" by W. L. Strange wherein recommendations of Whiting, Beale and Strange are given. A run-off of nearly 2.5 inches to 3 inches per hour is recommended for such catchments.

3. The catchment of the tank is unlikely to be flat or highly terraced and the free-board is only 3' which makes it all the more necessary to make adequate provision against high floods.

By order of the Governor of Bombay,

for Deputy Secretary to the Government of Bombay, Public Works Department.

D.A.- Nil.

GJP.
7/3

ISSUED
On 8/3/45

L E T T E R.

To

The Secretary to Government,
Public Works Department,
B O M B A Y.

No.G-116.

Public Works Department,
Belgaum, 12th April 1945.

Subject:-Construction of a Village Water Supply tank at Godihal, Taluka Indi, District Bijapur.

P25 note

Reference: Government Letter (P.W.D.) No.7198/36-I, dated the 7th March 1945.

2. The reduction in the waste weir length is proposed according to the practice prevalent in designing the waste weir in the case of II class tanks in this Circle, the tank under consideration being of no better order than the usual II Class Irrigation tank. The catchment areas with different physical characteristics in the case of such small tanks are reduced to equivalent ordinary areas by applying the appropriate coefficients given in article 103 on page 218 of the book on "Irrigation, Roads and Buildings" by W.L. Strange and the maximum flood discharge is estimated on the basis mm of one inch runoff per hour on these equivalent catchment areas.

3. The actual catchment area of the Godihal tank is 466 acreas only and its nature being wholly ordinary plain country, the maximum flood discharge is now estimated...

estimated to be 466 cusecs and the design of the waste weir has been modified accordingly. This discharge gives a waste weir length of 65 feet.

7 Hdowds 1945.

GHP. Superintending Engineer, S.C.

538/144

J. B. Submitted on the reference to G.L. No 7198/36-I, dated 4th March 1945. p25 ante.

2 If the explanation given by the S.E.S.C. re: the reduction of the waste weir capacity of the tank from 170 ft to 65 ft is found to be satisfactory the plans & est: may be sanctioned technically. JB 16/4.

Thro D.E. (I)

A.P.L. 16-4-1945

3 W. L. Strange's book referred to is not available in the Secretariat Library having been issued to the E.E. Irrign Projects. Nor it is available in the D.E's or E.E.P.D's Offices. It may be called for

PUBLIC WORKS DEPARTMENT
Policy 7198/36
16 APR 1945
Secy. 12420

JB 16/4/45

for verification of the reduction of flood discharge.

21/4/45

C.E. (H.D.)

Secy (I)

49.

21.4.45.

20/4/45

Rec'd
23

Resubmitted with draft letter to the S. E. S. C. for approval

23/4/1945

P.T.O.

7198/36
12430

Letter

P. W. D.

No 7198/36-I B.C. 25th April 1945

To the S. E. S.C.

Subject Construction of a village water supply tank at Gadihal, Tal. Indi, Dt Bijapur

Ref: your letter no GH6, dated 12-4-1945

2. Please send for reference the book on "Irrigation Roads and Buildings" by W.L. Strange as the copy in the Secretariat has been issued to the E.E. Irrigation Projects Sr. South

By order of the G. of B.

Copy to the G.O. with reference to his Endorsement no S 92(15)42/D dated 18-4-1945.

2 The plans & est. for the above noted work are still under consideration.

23/4/45

Dy Secretary. 24/4 S.E. 25/4/45

No. S.92(15)/42-D 3 Gen. 42 a.

MEMORANDUM.

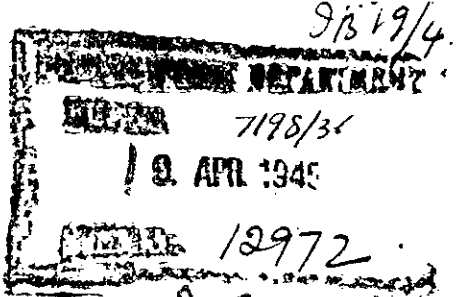
The undersigned presents compliments to the Asstt Secy to Govt. G.M.&S.D., and has the honour to refer to the Public Works Dept. Reference No. S.92(15)/42-D dated 20.2.1945 Subject:- Village water Supply Bijapur District Construction of a tank at Godihal, Taluka Indi. Last Reminder No. 19 and is directed to invite attention to the communication marginally noted and to request the favour of an early reply.

7195/6

Bombay Castle 18th March 1945.

for Secy to Govt. General Dept.

O. H. M. S.



Letter.

No.G-116. Public Works Department,
Belgaum, 1st May 1945.

To

The Secretary to Government,
P.W.D., BOMBAY.

Subject :- Construction of a Village Water Supply Tank at Godihal, Taluka Indi, District Bijapur.

Reference : Government letter (P.W.D.) No.7198/36-I, dated the 25th April 1945.

2. The book on "Irrigation, Roads and Buildings" by W.L.Strange is herewith submitted to Government for reference and favour of return when done with.

D.A. :-
Book on Irrigation, Roads and buildings by W.L.Strange.
SDK.

By order,
J R Chaswal 1/5
Head Clerk,
to the Superintending Engineer,S.C.

9.B.

Submitted with refer. to G.L. No. 7198/36-9, & the 25-4-45, and the notes recorded at P/1.28-29 and for orders.

Rud
24/4/45

The D.E.(S)

9B 4/5

PUBLIC WORKS DEPARTMENT
File No. 7198/36.
4 MAY 1945
14857.

9B 4/5/45

2 The assumption of min
D.S.H. of 1" per hour is explained
by the S.E. S.C. at page 27 (para
28). He has also reported
that such assumptions were
made in the designs of II class
Irrigation tanks in Southern Circle

3/ ~~Such~~ Such assumptions are also re-commended by Mr. Strange in his book "Irrigation, Roads and Buildings" (Carlisle at page 217). The design of the waste weir as now proposed may be accepted.

4/ The ~~and~~ revised estimates do not give details of measurements from which the above is arrived at. Only abstracts are given. However the quantities of work executed and work to be done do not together show any material deviation from the last sanctioned estimate. Deviations in minor details of work and quantities have been explained in the ~~Accounts Estimate~~ Comparative Statement (Sheet). The plans and estimates are therefore generally in order and may be sanctioned, if approved.

8/5/45.

Sec'y

I do not agree. The equivalent catchment area is meant to be deduced for fairly large sized catchments. The method can not be reasonably applied to small catchment. A = 466 acres only. Further, the high flood discharge for the "equivalent catchment area" is to be found by applying the "proper standard run off". Strange does not say that standard run off for such small catchments is 1 inch/hr. In fact smaller the catchment the greater is the run off. I think it would be unsafe to reduce the length of the w.w. from 170' to 65'. The run off should not be taken less than 2" per hour. There seems to be however no objection to design the w.w. with a higher afflux than 0.8 ft.

The tail channel is excavated in h.m. and the
is no danger from scour. Also shifting the wall
of the tail channel by a few feet might reduce the
rock cutting. ~~The~~ ~~may be asked or considered~~.
The profile of the weir may be given a suitable shape
(as described in Thomas' paper) to give a better
coefficient of discharge. All these points may be considered
by the SE. to reduce the cost. It would however be
unwise to reduce the cost by assuming a smaller H.F
discharge.

I agree. The S.E. has made no attempt to explain why only 1/5 is assumed — the reduction to 65' cannot be accepted & the N.N. should be reduced too

GLL 13.V.45.

MM 16/5/45

Secy (I) ✓

Inv (I) ✓

No. 7198/36-9

P. W. D.

B. C. 24th May 1945.

To

The S. F. S. C.

Sub: Construction of a Village Water Supply Tank at Gondihal, Taluka Indi, Dist. Bijapur.

Ref: Your letter No. 4-116, P. 27 dt. 12-11-45.

2. The equivalent catchment area is meant to be adopted for fairly large sized catchments and the method cannot reasonably be applied to a small catchment of 466 acres only. Further the high flood discharge

for the "equivalent catchment area" is to be found by applying the "proper standard run off" W.W Shrangi does not say that standard run off for such small catchments is 1 inch per hour In fact the smaller the catchment the greater is the run off. In the circumstances it would be unsafe to reduce the length of the waste weir from 170' to 65'. The run off should not be taken less than 2" per hour. There seems however to be no objection to designing the waste weir with a higher afflux than 0.8 ft. The tail channel is excavated in h.m. & there is no danger from scour Also shifting the waste weir and the tail channel by a few feet might reduce the rock cutting. The profile of the weir may be given a

a suitable shape to give a better coefficient discharge.

3. The revised plans and estimate for the work mentioned above are returned herewith and you are requested to modify them in the light of the remarks made in para 2 above and to resubmit them to this Deptt. for further disposal." by W.L.S Hange and the Cook on Design; Road C.B.Bgs

4. The original plans & estimate are also returned herewith.

By Order of the G.J.B

x Put up below

D.A. Original & revised Plans & Estimate & Book on Design, Road C.B.Bgs

2 Nos.

Rnd 21/5/45 — Thro' D.F. (1)

✓ 22/5/45

GH 23/5/45

To be [illegible]

Letter.

No.7198/36-I. Public Works Department,
Bombay Castle, 24th May 1945.

To
The Superintending Engineer, Southern Circle.

Subject: Construction of a Village Water Supply Tank at Godihal, Taluka Indi, District Bijapur.

Reference: Your letter No.G.116, dated the 19th April 1945.

2. The equivalent catchment area is meant to be deduced for fairly large sized catchments and the method cannot reasonably be applied to a small catchment of 466 acres only. Further the high flood discharge for the "equivalent catchment area" is to be found by applying the "proper standard run-off". Strange does not say that standard run-off for such small catchments is 1 inch per hour. In fact the smaller the catchment the greater is the run-off. In the circumstances it would be unsafe to reduce the length of the waste weir from 170' to 85'. The run-off should not be taken less than 2" per hour. There seems to be, however, no objection to designing the waste weir with a higher afflux than 0.8 feet. The tail channel is excavated in hard murum and there is no danger from scour. Also shifting the waste weir and the tail channel by a few feet might reduce the rock cutting. The profile of the weir may be given a suitable shape to give a better coefficient discharge.

3. The revised plans and estimate for the work mentioned above are returned herewith and you are requested to modify them....

them in the light of the remarks made in paragraph 2 above, and to resubmit them to this Department for further disposal.

4. The original plans and estimate and the book on "Irrigation, Roads and Buildings" by W. L. Strange are also returned herewith.

By order of the Governor of Bombay,

For Deputy Secretary to the Government of Bombay, Public Works Department.

D.A.- Original and revised plans
; and estimate and Book on
"Irrign.,Rds. & Bldgs."

GJP.
26/5
DMO

ISSUED
On...

2nd Reminder

No. S-92(15)/4210

Gen. 42 a.

MEMORANDUM.

The undersigned presents compliments to the Assistant Secy to Govt. Public Works Department and is directed to invite attention to the communication marginally noted and to request the favour of an early reply.

Govt. memo No. 2 dated 20-2-1945

Reference No. S.92(15)/4210

Subject:— Village water Supply District Bijapur. Construction of a tank at Godihal, Taluka Indi

Last Reminder No.

Bombay Castle 26th July 1945

for Senior Assistant Secy to Govt.

J.B.

Submitted.

O.H.M.S.

9B 28/7

2 The revised plans ~~of~~ for the work in question have been returned to the S.E.S.C. for modification & resubmission. They will be disposed of as soon as they are received in the Secretariat. Meanwhile these papers may be shown to U.O. to the G.D.

4 Pa

WAR DEPARTMENT
File No. 7/98/36
27 JUL 1945
GENERAL DEPARTMENT
24817
P.O.D. 31/98/36
17 AUG. 1945

AH 1.8.1945

JAS. 1/8/45

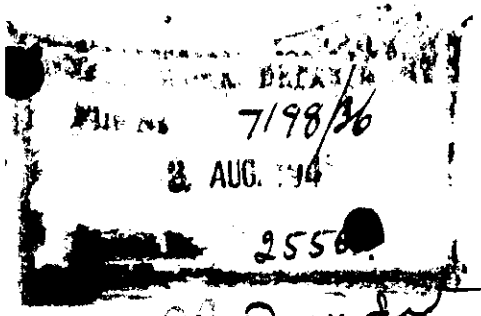
Encl to the G.D. 2/-8-45

2817

General Defts

Seen & Returned to Min. P.W.D.

9B3/8



9/7 Proceed
3-8-45 Cmn with P.W.D.

1st
2 sets
for S.A.S.

Min to P.W.D. 9/8/45

I.B. Submitted
2. Ship revised plans and
est: for the work in question called
for in para 3 of G.L. No 7/98/36 dated
24-5-1945 may be awaited.

A.A.C.
4-8-1945

M. expedite the S.E. now.

6.8.45

J.A.S.

7198/36
25563

The S.E. S.C. expedited under
No 7198/36-I- dated 7th August
1945
APL
7-8-1945

Rec'd
7-8-45.

8/8/45

L E T T E R.

To

The Secretary to Government,
Public Works Department,
B O M B A Y.

No.G-116.

Public Works Department,
Belgaum, 13th August 1945.

Subject:-Construction of a Village Water Supply Tank at Codihal, Taluka Indi, District Bijapur.

Reference: Government Expeditor (P.W.D.) No.7198/36-I dated the 7th August 1945.

2. Plans and estimate for the work mentioned above ~~are~~ have been forwarded to the Executive Engineer, Bijapur Division, for modification and resubmission in the light of remarks contained in G.L.(P.W.D.) No.7198/36-I dated the 24th May 1945 and are yet awaited from him.

3. On receipt, they will be submitted to Government as soon as possible.

13.8

Superintending Engineer,S.C.

V.M.T.

J.B.

Submitted with refce. to G.L.No. 7198/36-9, N.41

dt. the 24-8-45 for information.

2. The receipt of a further report from the J.E.S.C. may be awaited.

Rmf
15/8/45

JBB
15.8.45

Note the SESC exhibited under
No 7198/36 I dtd 29th September 45 Issued 29/9/45. JBB 15/8

28-9-45
Rmf
28/9

Transferred
to F1-

SECRET BRANCH
No. 7198/36
14. AUG. 1945
Distribution 27066

JBB 14-8-45

L E T T E R.

To

The Secretary to Government,
Public Works Department,
B O M B A Y.

No.G-116.

Public Works Department,
Belgaum, 8th October 1945.

Subject:-Construction of a Village Water Supply tank at Godihal, Taluka Indi, District Bijapur.

Reference: Government P.W.D. expeditor No.7198/36-I/1 dated the 29th September 1945.

2. The plans and estimate for the above mentioned work are still awaited from the Executive Engineer, Bijapur Division, who has been again expedited in the matter. On receipt, they will be submitted to Government.

V.M.T.

Superintending Engineer, S.C.

J.B.

Submitted with reference to Government
P.48
expedite no. 7198/36-I, dated 27th Sept. 1945, for information.

(2) The receipt of the a further report from
the S.E., S.C., may be awaited

11/10/45.

12/10/45.

Rec'd 11-10-45

J.H.I

Awaiting (12-11-45)

12/10

22/11

943 10/10

FILE No 7198/36

IO. OCI. 54

The S.E., S.C., expedited under no.

7198/36-I dated 30th Nov. 1945

33650

10-10-45

29/11/45.

29/11

29/11

1/12

7198/36
33650

I.B.

The S.E., S.C., expedited under No. 7198/36-9/2, dated the 9/1 Jan 1946.

9/1

8/1/46.

8/1

Letter.

No.G-116. Public Works Department,
Belgaum, 8th February 1946.

From

N.B.Gadre, Esquire, I.S.E.,
Superintending Engineer,S.C.

To

The Secretary to Government,
Public Works Department,
B O M B A Y.

Subject :- Construction of a village water supply tank at Godihal, Taluka Indi, District Bijapur.

Reference : Government expeditor (P.W.D.)No. 7198/36-I dated the 9th January 1946.

2. The plans and estimate for the above mentioned work are still awaited from the Executive Engineer, Bijapur Division, who is being expedited again in the matter. On receipt, they will be submitted to Government.

B. Krishnaiengar 8-2-46

SDK. For Superintending Engineer,S.C.

7198/36
5472

9-P

Submitted

2 Receipt of the Plans and estimate for Constructing a village water supply tank at Godihal may be awaited from the S.E,S.C.

c/fw 12/12/46

14/12/46.

Attached (10-3-46)

J A.S.

R.&S. Read No. 7198/36 1078

9B 1/2

P. W. D.
File No. 7198/36
Serial No. 5472

11-2-46

7198/36
13631

Serial Nos. 10785 & 13631

"Below papers commencing with S.E. & S.C's letter No. G-116, dt 14-3-46, and ending with G.D. W.R. dt 8-4-46 relating to the Construction of a Village Water Supply Tank at Godihal, Tal: Indi (Dt-Bijapur)" - with plans and estimates for the work in question -.

No. 7198/36-I

PWD
B.C. 13th April 1946

Transferred to the G.D. accordingly.

By Order &c.,

RB/11-4-46.

12/4/46.

Village Water Supply.

District Bijapur.
Construction of a tank
at Godihal,, Taluka Indi.

Government of Bombay,
General Department,
Resolution No. S.92(15),
Bombay Castle, 29th May 1946.

Read again Government Resolution, General Department, No.S.92(15) dated 12-2-45. Letter from the Superintending Engineer, Southern Circle No.G.116, dated 14-3-46.

Resolution.:- Administrative approval is accorded to the revised plans and estimate, the latter amounting to Rs.1.04,992 for constructing a village water supply tank at Godihal, Taluka Indi, District Bijapur.

By order of the Governor of Bombay,

E. B. Patell
Under Secretary to the Government of Bombay,
General Department.

To
The Commissioner, Southern Division,
The Superintending Engineer, Southern Circle,
The Collector of Bijapur,
The Executive Engineer, Bijapur Division,
The Accountant General, Bombay,
The Finance Department,
The Revenue Department,
The Public Works Department (with plans and estimates).

cvs/30/5

J.B.

Submitted.

2. Before dealing with the question of according technl sanction to the plans & estimate recd with the G.D., G.R., within, it is desirable to see the proceedings underlying that G.R. ~~& the G.D.~~ in may be requested to furnish the same to this Deptt.

8/6-46

8/6/46.

Proceedings called for under Memo No. 7198/36-S., dt. 10-6-1946.

10.6.46.

10.6.46.

ISSUED
on 10.6.46

10/6/46

P. W. D.
File No. 7198/36
Serial No. 21658

No. 7198/36-C

General Department

Bombay Castle, 12th June 1946.

MEMORANDUM.

The undersigned presents compliments and, as requested in the Memorandum No. 7198/36-J, dated 10th June, 1946, from the Public Works Department is directed to forward herewith ~~cop~~ ~~of~~ the file ~~document~~ specified in the margin. It should, please, be returned to this Department when no longer required.

for Under Secretary to Government.

2165—Std. Sectt. 38 e.

To the General Department
12.6.46

G. D. file S. 92 (15)/421/8203-C

7198/36/22863. P.W.D.

I.B.

Submitted with ref. to para. 2 of this Deptt. note dated 8-6-1946.

2. The proceedings called for have since been furnished by the G.D. The plans and estimate, the latter amounting to Rs.1,04,992/-, for the work of constructing a village water supply tank at Godihal, Tal: Indi, Dt.Bijapur, have been approved administratively in G.R., G.D., No.S-92(15), dated 29-5-1946. As the plans and estimate are in order - vide D.E.(I)'s note dated 29-3-1946, agreed to by Secy.(I), at p.17 of the G.D. proceedings -, the necy. technical sanction may be accorded by this Deptt. and the draft G.R., put up for approval may issue after submission to the H.M.(P.W.D.).

P. W. D.
File No. 7198/36
Serial No. 22863

PSM.
18/6/46.

Thro' D.E.(I).

May be approved.

DE 15.6.46
DS
Secy (I)
H.M.(P.W.D)

Village Water Supply.
Construction of a tank at Godihal,
Taluka Indi, Dt.-Bijapur.

Government of Bombay,
Public Works Department,
Resolution No.7198/36.
Bombay Castle, 26th June 1946.

Read G.R., G.D., No.S-92(15), dated 29-5-1946.

Resolution : The plans and estimate, the latter amounting to Rs.1,04,992/- for the work of constructing a village water supply tank at Godihal, Taluka Indi, District Bijapur, are sanctioned technically.

By order of the Governor of Bombay,

To
The Commr., S.D.
The S.E., S.C., (with plans and estimate).
The Collr. of Bijapur.
The Ex.Engr., Bijapur Dn.
The A.G., Bombay.
The F.D.
The G.D., (with proceedings underlying its G.R., No.S-92(15), dated 29-5-1946).
The R.D.

Village Water Supply.
Construction of a tank at Godihal,
Taluka Indi, District Bijapur.

Government of Bombay,
Public Works Department,
Resolution No.7198/36.
Bombay Castle, 26th June 1946.

Read Government Resolution, General Department, No.S-92(15), dated 29th May 1946.

Resolution : The plans and estimate, the latter amounting to Rs.1,04,992/- for the work of constructing a village water supply tank at Godihal, Taluka Indi, District Bijapur, are sanctioned technically.

By order of the Governor of Bombay,

26/6/46

(G.N.Pandit),
Deputy Secretary to Government.

To

The Finance Department.
The General Department, (with proceedings underlying its Government Resolution, No.S-92(15), dated 29th May 1946).

The .....

The Revenue Department.
The Commissioner, Southern Division.
The Superintending Engineer, Southern Circle (with plans and estimate).
The Collector of Bijapur.
The Accountant General, Bombay.
The Executive Engineer, Bijapur Division.

No. of 1946.

Copy forwarded for information and guidance to -

PSM.
25/6/46.

7198/36

I.B.

One plan in connection with the work of constructing a tank at Godihal, Tal: Indi Dt: Bijapur, - the estimate for which (for Rs. 1,04,99 has been technically sanctioned in G.R. No. 7198/36, dt 26-6-46, is submitted herewith for the signature of the Chief Engineer.

2-7-46

Thro' D.E.(I)

3/7/46

4/7/46

Dt
Issued with plans
1 set of tracings
S.E.
5/7/46

7/7/46.

C.E.(I)
X Issued
8/7/46

LETTER.

From

N.B.Gadre, Esquire, I.S.E.,
Superintending Engineer, S.C.

To

The Secretary to Government,
Public Works Department,
BOMBAY.

No.G-116.

Public Works Department,
Belgaum, 18th July 1946.

Subject:- Village Water Supply:
Construction of a tank at Godihal
Taluka:Indi, District:Bijapur.

Reference: G.R.(P.W.D.) No.7198/36, dated the 26th June 1946.

The plans and estimate for the work of constructing a Village Water Supply Tank at Godihal, sanctioned technically in Government Resolution referred to above may please be sent early to this office for further disposal.

18/7/46

Superintending Engineer, S.C.

VDK.

15/7

36
1523
B.

Submitted.

The plans & estimate refd to in the letter within have already been forwarded vide page 65 ante. This refce does not call for further action & may be recorded
Ok 1-8-46

1/8/46.

P. W. D.
File No. 7198/36
Serial No. 29523
31-7-41